20000423.qrp v01_n800.qrl.20000423

Date: Sun, 23 Apr 2000 19:03:03 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1800

QRP-L Digest 1800

Topics covered in this issue include:

  1) [68423] Twin Lead Loop
     by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
  2) [68424] Alinco DX-77T QSK?
     by "Tim Cook" <timcook@erinet.com>
  3) [68425] NorCal capacitor kit
     by Bruce Rattray <rattray@gpfn.sk.ca>
  4) [68426] DXCC Millenium Award
     by "Floyd Smithberg" <flydnq7x@primenet.com>
  5) [68427] Re: RIGblaster/QRP+/PSK-31
     by "Ken Hanks" <captnfd@yahoo.com>
  6) [68428] Re: Getting REALLT off topic   Re: NO Antennas Allowed!
     by Dan Copeland <n0dt@alltel.net>
  7) [68429] FS:crystal remaining
     by Bruce Rattray <rattray@gpfn.sk.ca>
  8) [68430] Las Vegas
     by Hank Kohl K8DD <k8dd@arrl.net>
  9) [68431] Twin Lead Loop
     by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
 10) [68432] Still LQQKING for QRP
     by RangerSF5@aol.com
 11) [68433] FS or trade NC 20-M
     by RangerSF5@aol.com
 12) [68434] Get the loupes ready!
     by "Ron Giuntini" <rong@slip.net>
 13) [68435] Re: NO Antennas Allowed!
     by "Dan W. Dooley" <dandooley@pipeline.com>
 14) [68436] SMK-1 First QSO
     by Paul Maciel <pmaciel@inow.com>
 15) [68437] Re: NO Antennas Allowed!
     by AdamN7YA@aol.com
 16) [68438] Re: My Antenna Was Approved!! If you can't beat them, join them
     by AdamN7YA@aol.com
 17) [68439] Re: My Antenna Was Approved!! If you can't beat them, join them
     by david fouchey <dafouchey@home.com>
 18) [68440] LDG Z-11 Tuner in remote tuning arrangement
     by nilsbull@juno.com
 19) [68441] VOMARC Hamfest in Sonoma, CA April 29!

by WD6BOR@aol.com
20) [68442] price on qrp kit
by RangerSF5@aol.com
21) [68443] Re: TT2 - MRX Kit
by "David D. Meacham" <ddm@datatamers.com>
22) [68444] good night on the radio
by GElam30092@aol.com
23) [68445] Apology to Dave AD6A and others
by Macstein@aol.com
24) [68446] Apology
by Monte Stark <ku7y@dri.edu>
25) [68447] QST QRP page
by Roy <marion@montana.com>
26) [68448] TEST - delete
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
27) [68449] OT: FM Receiver Antenna advice needed
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
28) [68450] Re: Battery comparisons: equal basis attempt
by Jon Iza <iapizloj@bicc00.bi.ehu.es>
29) [68451] Shameless Plug
by "Alan Slusher" <aslusher@erols.com>
30) [68452] More Apologies
by Dave Fifield <fifield@pacbell.net>
31) [68453] Politics
by "Heimo J. Lyden" <sm6lod@golfinho.com>
32) [68454] magnifiers/loupes
by Arjen Raateland <Arjen.Raateland@vyh.fi>
33) [68455] Re: Politics
by Bob Patten <n4bp@bc.seflin.org>
34) [68456] FS ICOM 756
by "Warren Elly" <welly@tampabay.rr.com>
35) [68457] Re: Antenna frustrations
by Bill Lazure <n2tpa@juno.com>
36) [68458] RE: QST QRP page
by "AI2Q Alex" <ai2q@ispchannel.com>
37) [68459] Re: QST QRP page
by "K7FD-N7SG" <cqdx@teleport.com>
38) [68460] FS or Trade :Ten-Tec T-KIT 40M Xcvr and Tucker T-1000 Ant Tuner
by "Dana Michael" <damichael@blazenet.net>
39) [68461] Re: QST QRP page
by Bruce Muscolino <w6toy@erols.com>
40) [68462] Re: Backpacking Ant.
by Dean W Manley <kh6b@juno.com>
41) [68463] Re: QST QRP page
by "Mike Yetsko" <myetsko@insydesw.com>
42) [68464] Vendor & club Dayton QRP banquet door prizes
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
43) [68465] QRPTTF 2k

    by jaywa5whn@juno.com
 44) [68466] FS: Ten Tec 544 Station
    by "Tim Cook" <timcook@erinet.com>
 45) [68467] QRP Get-together
    by Bruce Rattray <rattray@gpfn.sk.ca>
 46) [68468] CU8F on 21.027 at 1639z 4/23/00
    by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
 47) [68469] Fox Hunt Team Plaque
    by Bruce Rattray <rattray@gpfn.sk.ca>
 48) [68470] Request from India for help on SSB Receiver schematic.
    by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
 49) [68471] converting a cb
    by "Richard Hensel" <rrhensel@sprintmail.com>
 50) [68472] Looking for QRPers in Kitsap County, WA
    by Bob Nielsen <nielsen@primenet.com>
 51) [68473] Re: QST QRP page
    by "M. Pender" <steam@megsinet.net>
 52) [68474] Florida QSO Party Reminder
    by Paul Womble <pwomble1@tampabay.rr.com>
 53) [68475] Re: QST QRP page
    by Bruce Muscolino <w6toy@erols.com>
 54) [68476] Re: Antenna frustrations
    by wb2vuo@juno.com
 55) [68477] Re: QST QRP page
    by "John F Marranca, Jr" <jmarran@juno.com>
 56) [68478] Re: Antenna frustrations - Please, please rename the subject
    by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
 57) [68479] QRP stuff for SALE
    by "Dan Trigilio" <danjt@cruzio.com>
 58) [68480] Re: Antenna frustrations
    by Marty <N5NW@midsouth.rr.com>
 59) [68481] Re: converting a cb
    by "Walter Dufrain" <walter@inlink.com>
 60) [68482] Help to identify qrp Xmtr.
    by Donald I Roher <donroher@juno.com>
 61) [68483] Coming Down From Mt. Olympus
    by Richard Arland <k7sz@epix.net>
 62) [68484] AL all QRPp, all 1,000 miles per watt
    by wd3p@juno.com
 63) [68485] Re: Coming Down From Mt. Olympus
    by David Heintzleman <pstrdave@kdsi.net>

Date: Sat, 22 Apr 2000 19:02:35 -0400 (EDT)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: "qrp-L@Lehigh.EDU" <qrp-L@Lehigh.EDU>
Subject: [68423] Twin Lead Loop

Message-ID: <Pine.BSI.4.05L.10004221901000.25615-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I recall a loop, think in the form of a triangle, that was made with
twin-lead. I can't seem to find any reference to it in search engines.
Wonder if anyone has the information.

thanks

././/././/././/

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Many thanks to all the replies I received....I now have the list even
though I couldn't find it in the archives.....probably not doing the
search right.....tnx agn everyone!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
          A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
          "QRP! How sweet it is!"   "I am da man wit "DAH" paddle!"

Date: Sat, 22 Apr 2000 16:41:06 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L Message" <qrp-l@Lehigh.EDU>
Subject: [68426] DXCC Millenium Award
Message-ID: <000501bfacb4$50c14f40$92ac30d0@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Received it today and it reads as I requested for QRP credit...: "Certifies
that....NQ7X/QRP" ....
"Dated 14 April 00"   "Has submitted log extracts..........."
All but 2 contacts came from 3 contest logs.....the lesson is, get on during
contests while propagation is
still good and you too can get DXCC Millenium. Go for it! GL
Floyd NQ7X Phoenix,AZ ScQRPion

Date: Sat, 22 Apr 2000 19:53:46 -0400
From: "Ken Hanks" <captnfd@yahoo.com>
To: <jimdurkin@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68427] Re: RIGblaster/QRP+/PSK-31
Message-ID: <000c01bfacb6$037cd040$22178ad1@acer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim:

I don't believe the RigBlaster is out yet. I received an email from them

last week. Should be available sometime this month.

73,

Ken Hanks K1XS

Date: Sat, 22 Apr 2000 19:03:18 -0500
From: Dan Copeland <n0dt@alltel.net>
To: sjolin@swbell.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68428] Re: Getting REALLT off topic   Re: NO Antennas Allowed!
Message-ID: <4.3.1.2.20000422190250.00b07bc0@mail.alltel.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

AMEN!!!!!! DAVE

Date: Sat, 22 Apr 2000 18:06:48 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [68429] FS:crystal remaining
Message-ID: <Pine.LNX.3.95.1000422174457.17648D-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I found a few more crystals so here they are in Drawer #16....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
          A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
          "QRP! How sweet it is!"   "I am da man wit "DAH" paddle!"

**********   CRYSTALS REMAINING **********

Scouring through my junque box has uncovered some crystals that were used
in the days of crystal controlled rigs. I've decided to offer them
to everyone rather than look for someone who wants to buy them all...I
think this spreads it around more fairly....assuming some are left after a
couple of weeks, I might offer them as a lot...so I'm offering them at a
price of $1.00 each (Cdn or US). Please send an SASE with a note telling
me which crystals you want along with the money of course...HI HI...I'll
try to come up with a safe way of mailing them to you so they don't get
damaged in transit...maybe I can find some bubble stuff for protection...
I don't have any way of testing each crystal but because they appear to be

new I hope they all work ok...

(1) Canadians should include an SASE with return postage....

(2) anyone outside Canada please throw in enough money or Canadian stamps to cover return postage......first class postage from Canada to the U.S.A. for a regular letter is .55 cents Cdn....

(3) it will be on a "first come first serve" basis... obviously e-mail should be useful here....

(4) no cheques please....I would prefer cash or money order...(tip - I hide cash inside a smaller envelope inside the main envelope....and put the small envelope taped inside a very dark colored sheet of paper..... haven't lost anything over the many years yet <fingers crossed>)

(5) these are the crystals that were used to plug into rigs like the HW-202, TR-22, etc for repeaters plus simplex operation...some have "CTS/SCAN" on them so maybe this means they can be used in a scanner?... they all look new except for one which has some solder traces on the pins...after a couple of weeks I'll see what's left and maybe offer them as a package....

(6) "T" stands for transmit and "R" for receive and I have them in plastic drawers #1 through #15...(if no "T" or "R", I'm not sure.)

(7) they are all the HC25/U type.....the listing shows the markings on the each case which on some of them was difficult to make out with these 'ol eyes so I took my best guess....

(8) please refer to "Drawer #_" and then quote the entire line describing the crystal....

(9) if any problems come up with this "project" I'll deal with them on a one-one basis.
...72 - Bruce (VE5RC+VE5QRP)

Drawer #1:-
T - 146.04 - 12.1700 - Multi 2 - quantity 1.
T - 146.13 - 12.1775 - Multi 2 - quantity 4.

R - 146.64 - 15.1044 - Multi 2 - quantity 2.
R - 146.73 - 15.1144 - Multi 2 - quantity 5.

Drawer #2:-
T - 146.04 - 12.17000 - TR22   - quantity 4.
T - 146.13 - 12.17775 - TR2200 - quantity 1.
T - 146.46 - TR2200 -   - quantity 1.

T - 146.73 - 12.2275 -   - quantity 2.

R - 146.64 - 15.1044 - KP202 - quantity 1.
R - 146.73 - 45.3433 - TR2200 - quantity 1.
R - 146.82 - 15.1244 -   - quanitty 1.

Drawer #3:-
T - 146.13 - 12.1775 - Multi II - quantity 1.
T - 146.37 - 12.1975 - Multi II - quantity 2.
T - 147.63 -   - Multi II - quantity 1.

R - 146.52 -   - Multi II - quantity 2.
R - 146.73 - 15.1144 - Multi II - quantity 5.
R - 146.97 - 15.1411 - Multi II - quantity 2.
R - 147.03 -   - MII   - quantity 1.

Drawer #4:-
T - 146.04 - 12.1700 - KP202   - quantity 1.
T - 146.13 - 12.1775 - KP202   - quantity 1.
T - 146.13 - 6088.75 - HW202   - quantity 1.
T - 146.16 -   - 202   - quantity 1.
T - 146.46 -   - 202   - quantity 1.
T - 147.33 -   - KP202   - quantity 1.

R - 146.64 - 15.1044 -   - quantity 1.
R - 146.73 - 45.3433 -   - quantity 1.
R - 146.73 - 15.1144 - KP202   - quantity 1.
R - 146.82 -   - KP202   - quantity 1.
R - 146.76 -   - 202   - quantity 1.
R - 147.60 -   - 202   - quantity 1.

Drawer #5:-
T - 146.01 -   - FDK   - quantity 3.
T - 146.28 -   - FDK   - quantity 1.
T - 146.52 -   - FDK   - quantity 1.
T - 146.94 - 12.245 - FDK-7 - quantity 1.
T - 147.33 -   - FDK   - quantity 2.

R - 146.61 -   - FDK - quantity 2.
R - 146.82 -   - FDK - quantity 1.
R - 146.94 -   - FDK - quantity 1.

Drawer #6:-
T - 146.04 - 12.1700 - Multi 7 - quantity 3.
T - 146.13 - 12.1775 - Multi 7 - quantity 4.
T - 146.22 - 12.1850 - Multi 7 - quantity 4.
T - 146.28 -   - Multi 7 - quantity 2.
T - 146.34 -   - Multi 7 - quantity 2.

T - 146.46 -   - Multi 7 - quantity 4.
T - 146.52 -   - Multi 7 - quantity 4.
T - 147.33 -   - Multi 7 - quantity 1.

R - 146.64 - 45.31333 -   - quantity 1.
R - 146.73 - 45.3433 - Multi7 - quantity 2.
R - 146.82 - 45.3733 - Multi7 - quantity 3.
R - 146.88 -   - MII   - quantity 1.
R - 146.97 - 45.4233 -   - quantity 1.
R - 147.06 -   - M-7   - quantity 4.
R - 147.06 -   - M-7   - quantity 2.
R - 147.06 -   - MII   - quantity 1.
R - 147.06 -   - FDK   - quantity 1.
R - 147.33 -   - M-7   - quantity 1.

Drawer #7:-
T - 146.28 - 18.2850 - FT224   - quantity 1.

R - 146.94 - 17.51555-   - quantity 1.
R - 147.06 - 17.52888- DJ96   - quantity 1.
R - 147.33 - 15.18111- FT224   - quantity 1.

Drawer #8:-
Yaesu FT-101B - 7.520 mHz   - quantity 1.
MRH1 - 155.670 10-6   - quantity 1.
MRH1 - 153.830 8-6   - quantity 1.

Drawer #9:-
T - 146.00 - 12.1666 - Bomar F-6 - quantity 1.
T - 146.00 - 12.1675 - Bomar F-6 - quantity 2.
T - 146.06 - 12.1716 - Bomar 7   - quantity 1.
T - 146.20 - 12.1875 - Bomar F-6 - quantity 1.
T - 146.28 - 12.1900 - Bomar F-6 - quantity 1.

R - 146.00 - 15.0333 - Bomar F-6 - quantity 1.
R - 146.16 - 15.1533 - Bomar F-6 - quantity 1.
R - 146.34 - 15.2133 - Bomar F-6 - quantity 1.
R - 146.60 - 15.1011 - Bomar F-6 - quantity 2.
R - 146.80 - 15.1278 - Bomar F-6 - quantity 1.
R - 146.88 - 15.1311 - Bomar F-6 - quantity 1.

Drawer #10:-
T - 146.00 -   - FMH CC2 - quantity 1.

R - 144.45 -   - FMH CC2 - quantity 1.
R - 146.94 -   - JK 7423 - quantity 1.

  - 146.67 - 15.1077 - 7546   - quantity 1. - Philips.

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  - 146.94 - 45.41333- 7519     - quantity 1. - Philips.

Drawer #11:-
T - 146.19 - 12.1825 - Lesmith  - quantity 1.

R - 146.64 - 45.3133 - Lesmith  - quantity 3.

Drawer #12:-
T - 146.13 - 12.1775 -          - quantity 1.
T - 146.16 - 12.1800 -          - quantity 1.
T - 146.28 - 12.1900 -          - quantity 2..
T - 146.52 - 12.2100 -          - quantity 1.
T - 146.73 - 12.2275 -          - quantity 1.
T - 146.82 - 12.2350 -          - quantity 1.
T - 146.94 - 12.2450 -          - quantity 2.
T - 147.33 = 12.2775 -          - quantity 3.

R - 146.13 - 45.1433 -          - quantity 1.
R - 146.28 - 45.1933 -          - quantity 2.
R - 146.28 - 15.0644 -          - quantity 1.
R - 146.52 - 15.0911 -          - quantity 1.
R - 146.88 - 15.1311 -          - quantity 1.
R - 147.33 - 45.5433 -          - quantity 1.
R - 147.33 - 15.1811 -          - quantity 2.

Drawer #13:-
Philips - 45.213 - 7519 -       - quantity 2..

  - 146.94 -         - MRH1     - quantity 3.

Drawer #14:-
T - 222.55 - 18.5458 -          - quantity 1.
T - 223.50 - 18.6250 - Bomar-6  - quantity 1.

R - 222.75 - 53.0125 -          - quantity 1.

Drawer #15:-
  - 155-190 -        - MRH-1    - quantity 1.
T - 146.76 -   Kenwood TR2200   - quantity 1.

R - 147.06 - 15.1511 -          - quantity 1.
R - 147.33 -         - MII      - quantity 1.
R - 147.33 -         - 202      - quantity 1.

Drawer #16:-
T - 146.16 -         - Savoy 901  - quantity 1.
T - 146.34 -         - TR-22      - quantity 1.
T - 146.37 -         - Savoy 901  - quantity 1.
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T - 146.52 -         - T-72 RT    - quantity 1.
T - 146.52 -         - Savoy 901  - quantity 1.
T - 146.55 -         - Savoy 901  - quantity 1.
T - 146.94 -         - JK7345     - quantity 1.
T - 147.33 -         - M-II       - quantity 1.
T - 147.60 - 12.3050 - Bomar B-6  - quantity 1.
T - 147.75 - 6156.250 -           - quantity 1.

R - 146.52 -          - R-72 RTL  - quantity 1.
R - 146.52 - 45.2733  -           - quantity 1.
R - 146.76 -          - Savoy 901 - quantity 1.
R - 146.94 -          -           - quantity 1.
R - 146.97 -          -           - quantity 1.
R - 147.00 -          - TR-22     - quantity 1.
R - 147.15 -          - Savoy 901 - quantity 1.
R - 147.09 - 45.4533  - Bomar B-6 - quantity 1.

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1  QRP-L#886  ARCI#9683  Zombie#272
          A-1 Operator Club - 10/10# 944 - SOC #11 & #12  - Whiner#10 -
          "QRP! How sweet it is!"        "I am da man wit "DAH" paddle!"
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Date: Sat, 22 Apr 2000 20:19:59 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-l@lehigh.edu
Subject: [68430] Las Vegas
Message-ID: <4.3.1.2.20000422201636.00c93ba0@192.0.0.6>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'll be in Las Vegas from Sunday (tomorrow) until Thursday.
Would be neat to meet any QRP'ers out there.  I'll try to
check email as   hkohl@netzero.net
And, if my HT survives, the local repeaters.

73    Hank    K8DD
*/
*/     Hank Kohl  K8DD      k8dd@arrl.net
*/
```

Date: Sat, 22 Apr 2000 20:52:27 -0400 (EDT)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: "qrp-L@Lehigh.EDU" <qrp-L@Lehigh.EDU>
Subject: [68431] Twin Lead Loop
Message-ID: <Pine.BSI.4.05L.10004222050570.28111-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks to all who pointed me to:

http://marty.w.tripod.com/antennas.html
http://marty.w.tripod.com/antennas.html

73
thom

././/././/././/

Date: Sat, 22 Apr 2000 21:01:20 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [68433] FS or trade NC 20-M
Message-ID: <9.488f9e5.2633a560@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Still trying to sell the NC-20-M.
Three options.
1.Will trade for a K-2 with the SSB options......hehehehehehe
2. Trade for a MFJ 40-M
3.Sell for $100.00 shipped
Please *E* mail direct.
THANK_____Q
Bob
WA2HOQrp <tm>

Date: Sat, 22 Apr 2000 18:09:44 -0700
From: "Ron Giuntini" <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [68434] Get the loupes ready!
Message-ID: <009901bfacc0$9ca94320$25c5abcf@rongiuntini>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SMK-1's are on the way!! Thanks guys....You really are filling niche for us
all. I hope you realize how much it is all appreciated.

Ok...we will need;
tweezers
fine tip solder irons
loupes/magnifying lamps

anything else?

Ron Giuntini
KB6GK

Date: Sat, 22 Apr 2000 20:12:17 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <w4pj@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68435] Re: NO Antennas Allowed!
Message-ID: <00d901bfacc1$20e66960$05987b7b@CSS0048.bergenbrunswig.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I love it! Good for him.

Too bad there's not some way we could take back that freedom. Assume the
right, if you will. Rather than them setting the rules that we can't, let
it be a given that we can. We have to fight for the right to raise a tower.
It ought to be the other way around. Guess we need more clout.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
    e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198
"Ancient Pistol, I do partly understand your meaning."

-----Original Message-----
From: Scott Hotchkiss <w4pj@bellsouth.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Saturday, April 22, 2000 7:50 AM
Subject: Re: NO Antennas Allowed!

>Some years ago I talked with a fellow in Alabama. I don't remember the call
>or name, but remember the QSO well.
>
>He apparently had tried for a considerable time to get a permit for a small
>tower and beam. 40ft and A-4S. Not very large by amateur radio standards.
>Well, the city kept putting roadblocks and stonewalling and the neighbors
>resisting. He got tired fighting with zoning and spending large sums of $$.
>He finally gave up. He got a deal on an old beat-up large flatbed truck and
>parked it in his side yard. No zoning restrictions on that. He then had a
>72ft
>crank-up tower base welded to the bed of the truck and installed the tower.
>With a 20ft mast and a christmas tree antenna set-up, he now has a (nearly)
>90ft tall array. No zoning restrictions on that either because it's not a
>"structure"

>it's mobile! He now grins at the neighbors.
>
>Scott R. Hotchkiss
>Fort Lauderdale, Florida
>----- Original Message ----- > <snip>
>> How about a crank-up tower in the bed of a pickup!! <g>
>> Dare they complain?
>>
>> n0tu/steve.
>
>

Date: Sat, 22 Apr 2000 18:33:28 -0700
From: Paul Maciel <pmaciel@inow.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68436] SMK-1 First QSO
Message-ID: <390252E7.B2E1847F@inow.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

Well I just finished a very nice QSO with Bob N6WG. Certainly not one for the distance record books as Bob is just across San Francisco Bay from here but memorable in that it was my first with the NorCal SMK-1. Bob was a good solid 559 with his K2 and he gave me a 539.

I was able to get my hands on the SMK-1 kit early from Doug and put it together using the schematic. The first few solder joints were a little traumatic but once I realized I wasn't cooking those little components I relaxed and the rest went smoothly. I was careful just to open one compartment of Doug's great kiting "bag-o-parts" and just as careful not to sneeze. I use a Weller WTCPT soldering station with a fine tip, a good pair of tweezers and magnifying lenses. There isn't much to do except place and solder as there is only one toroid transformer to wind.

I had to scrounge around for the connectors but will replace them when my case arrives from NJ. Using a battery at 12V I was able to get 200mW output reading on the WM-1 and with a bench supply at 13.8 I saw about 300mW. The transmit range is about 7.038 to 7.039 MHz the receiver covers from about 7.035 to 7.039. The LM386 delivers plenty of audio to my headphones.

I had a lot of fun putting it all together and it certainly helped me

get over any fear of putting together a surface mount kit. I can hardly wait for the next NorCal offering.

72,
---Paul AK1P San Jose, CA

Date: Sat, 22 Apr 2000 21:59:09 EDT
From: AdamN7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [68437] Re: NO Antennas Allowed!
Message-ID: <a1.4535dcf.2633b2ed@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/22/2000 1:04:33 PM Pacific Daylight Time, FrConrad@aol.com writes:

<< < The liberials have done away with almost SLL private property
  rights in the USA. At least that's true in the west. >>

 Not to pick a nit, but 'tis the season for honesty.

 Most restrictive zoning regulations are foisted on us by wealthy and selfish
 conservatives, who favor their own property values over personal liberty.
  >>
aahh, theyre ALL crooks!! dump this lousy topic and get back to our hobby...you know the one, its the one thing i use to ESCAPE the political garbage.
  And i could give a rats undercarriage about anyones political affiliation...thanks.

72/73/74...Adam, N7YA
Las Vegas, NV...Zone 03
QRP-L #1608, SOC #143, Y Guy #2
Code Warrior #76, Hamusician #1

Date: Sat, 22 Apr 2000 22:05:04 EDT
From: AdamN7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [68438] Re: My Antenna Was Approved!! If you can't beat them, join them
Message-ID: <b7.25feb69.2633b450@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 4/22/2000 1:54:17 PM Pacific Daylight Time,
BenNW7DX@aol.com writes:

<< I wrote
 back to them with a nice formal letter stating the proposal and what amateur
 radio does for the community and how both them and I will benifit, and then
I
 included a diagram of what it would look like. Also, through out the whole
 letter, there was kind of a friendly "for the community" theme.
      Well, yesterday in the mail I got something back from them, which
stated
 that the antenna was Approved!!   >>

This kids riding a strong horse it looks to me!! nice job Ben...i see our
next ARRL pres. :-) here i am sneaking around, making the ceiling of my
den look like it was attacked by a giant spider...its easy to do when you
live alone.
  By the way....whats not to love about the look of a 40 meter loop?? some
people just dont appreciate real art i guess. <sigh>

72/73/74...Adam, N7YA
Las Vegas, NV...Zone 03
QRP-L #1608, SOC #143, Y Guy #2
Code Warrior #76, Hamusician #1

Date: Sat, 22 Apr 2000 22:27:39 -0400
From: david fouchey <dafouchey@home.com>
To: AdamN7YA@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68439] Re: My Antenna Was Approved!! If you can't beat them, join them
Message-ID: <39025F9B.F9A0E367@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Local Ameritec Central Office Building has a lovely tower with what
looks to be a 6-30 MHZ LPDA on it.. I keep telling my wife that's what I
want for my anniversary...she just gives me "The Look"...go figure..;-)

Dave
WA4EMR/8

AdamN7YA@aol.com wrote:
>

> In a message dated 4/22/2000 1:54:17 PM Pacific Daylight Time,
> BenNW7DX@aol.com writes:
>
> <<   I wrote
> back to them with a nice formal letter stating the proposal and what amateur
> radio does for the community and how both them and I will benifit, and then
> I
> included a diagram of what it would look like. Also, through out the whole
> letter, there was kind of a friendly "for the community" theme.
>   Well, yesterday in the mail I got something back from them, which
> stated
> that the antenna was Approved!!   >>
>
> This kids riding a strong horse it looks to me!! nice job Ben...i see our
> next ARRL pres. :-)   here i am sneaking around, making the ceiling of my
> den look like it was attacked by a giant spider...its easy to do when you
> live alone.
>   By the way....whats not to love about the look of a 40 meter loop?? some
> people just dont appreciate real art i guess. <sigh>
>
> 72/73/74...Adam, N7YA
> Las Vegas, NV...Zone 03
> QRP-L #1608, SOC #143, Y Guy #2
> Code Warrior #76, Hamusician #1

Date: Sun, 23 Apr 2000 02:26:17 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu, ldg@ldgelectronics.com
Subject: [68440] LDG Z-11 Tuner in remote tuning arrangement
Message-ID: <20000423.022629.-7471.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Well, I'm more or less officially done with arranging the LDG Z-11 Tuner
to play tune ups on a remote antenna stick. That the stick was bent
serious by the storm two days back is only slightly on topic. But here's
what's up so far, which means that I may still have other "modifications"
in the pipe, once I get finished being happy about this arrangement.

Here's the set-up: A couple months ago the K2 guys came up with their
automatic antenna tuner. From the pix on the web site & the word of
others, the K2 auto tuner would probably fit in one of those tomato paste
cans the L. Ron Hubbard used on various thetans. Tiny. Very tiny. And

compact. Only thing was, in conversations with the K2 guys, I got the impression that the tuner had been made to work inside the K2 & that was that.

Being the weirdo that I am about tuning feed lines & weird antennas as lumpen impedences, I opted for the remote tuner controlled from inside the shack. Like the shack is a distance of some 75 ft from the antenna itself. So I set about building something that would work. Stepping motors for the L switch & a reduction drive for the C. Then I went to two different medicos to have pieces of metal removed from my cornea.

I ordered the LDG Z-11 the same day.

The Z-11, for them what ain't seen one yet, is the next version of the LDG QRP auto tuner. Unlike the earlier LDG auto ATU that many have bought through group buys, the Z-11 is a latching relay tuner. Once it's tuned, you can turn off the power, although the micro P that does the work "sleeps" when it's done tuning. Also, unlike the QRP tuner, the Z-11 comes with both circuit boards for the control head & the main tuning board. So you don't have to cobble together a home brew batch of switch stuff to put the Z-11 in another box than the one for which it was designed. Even if you don't get the box.

I think I spent maybe two leisurely worked days putting the beast together. I wound all the coils in one batch (since I ain't good on following destructions anyway) & then put all the stuff on the board according to the instructions. It was an easy build. No SMT/SMD. Only two worrysome little squares of computin' power to plug into sockets. It worked from the first turn on. Well, almost. I had to go back over the control head board 'cause I'd left two connections unslobbered.

Then I waited for RadioShack.com to send me the plastic box that I'd planned on putting the beast into. While I waited, I had the Z-11 tuner on an aluminum test chassis & hooked it up to the antenna through the 75 ft of ethernet coax & an eight-wire control cable. (I only used four of the eight wires for the Z-11, with plans for use of a set of ratched relays to run other functions off the remaining four wires.) I hooked up DC, ground, "tune" button and the "tune LED" through the four wires running to the Z-11 at the base of a 30 ft piece of aluminum mast.

It worked great. I could sit in the comfort of my miniscule office/shack & tune the antenna with a push of the button or by just changing bands. The Z-11 tuned that mast from 3.785 through 28.715 MHz with little fussing. I was quite pleased.

Then the plastic box arrived. I spent a day or so fine tuning the holes that I needed to put in the box, and wound up a 4:1 balun so I can use the Z-11 to tune an open wire fed dipole on another mast that hasn't

blown down yet. Once I got everything in the box & functional again, I stuck the tuner/box in the rafters of the outhouse where the 30 ft antenna mast is posted & ran the cables into the shed.

So far I've found that once the Z-11 tunes the mast for 15m, it doesn't need but a touch up for anything around there, like on 12m or 10m. And one of the nicer features is having the auto tune enabled allows me to just plonk the transmitter on a new freq & let the Z-11 tune the antenna by pressin' the key and without pushing a "tune" button or flippin' a switch.

If I can remember, I'll get some fotos of the arrangement.

And this will make a definite take-along for the beach vacation deal this year. The fiberglass antenna mast out on the deck, me in the screened in porch with the radios & the Z-11 tuning up whatever's goin' up the mast. If the experience so far is any hint, it ought to be sweet.

Next? Well, the young 'n wants to learn Japanese. Domo arigato.

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes
http://www6.50megs.com/w8ijn -- W8IJN -- http://members.xoom.com/nilsbull
"In MY day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"
-- Comrade Nikolai Sergeievich
McTovarishov, 19 Oct 1917

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

Date: Sat, 22 Apr 2000 22:34:57 EDT
From: WD6BOR@aol.com
To: qrp-l@lehigh.edu
Subject: [68441] VOMARC Hamfest in Sonoma, CA April 29!
Message-ID: <f.2ed5f67.2633bb51@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I just wanted to give the list members an update on the Valley of the Moon ARC Hamfest this Saturday, April 29, from 8 a.m. to noon. We will be having a pancake, egg and sausage (sorry, no "ham" this year) breakfast for $5 per person from 8 to 10 a.m., a V.E. session starting at 9, and a swap meet with vendors setting up starting at 7. We will be operating a club station, W6AJF, in the QRPTTF contest and will have a transmitter hunt starting around 10. If you are anywhere in the north end of the San Francisco Bay area, please come up and join us. Norcal members and any Zombies are especially welcome to help operate QRPTTF from this end.

We are having an estate sale of Sam Sullivan's gear. Sam was licensed in 1932 and worked in electronics all his life. It looks like we will have about five or six truck loads of his gear at the swap meet, and his family doesn't want to see any of it return.

Hope to see you there. Talk-in will be on the 145.35 repeater, with the PL at 88.5. Details are in all the major publications.

72, Darrel, WD6BOR

Date: Sat, 22 Apr 2000 23:12:43 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [68442] price on qrp kit
Message-ID: <3f.3c1678c.2633c42b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
Someone sent me a download on a rig called a twofer.
Three boards already wired up.Anyone have an Idea what this is worth?,What it is?
TX and RX.?

Thanks

Bob
WA2HOQrp <tm>

Date: Sat, 22 Apr 2000 19:51:38 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: Macstein@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [68443] Re: TT2 - MRX Kit
Message-ID: <Pine.LNX.3.96.1000422194535.8681B-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mac,
I had nothing to do with the switching circuit in the combo rigs. Dave Fifield alone developed that circuit (for his Pacificon entry, I believe). All I did was replace old components (that were no longer available) with newer ones for the original NorCal kit offerings.
72, Dave, W6EMD

Date: Sun, 23 Apr 2000 00:18:48 EDT
From: GElam30092@aol.com
To: qrp-l@lehigh.edu
Subject: [68444] good night on the radio
Message-ID: <96.3cdfcd2.2633d3a8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Had tons of fun on the radio tonight. Made a couple of PSK contacts including talking one ham in WI into cutting his power from 50-W to 10-W. Once I gave him a 100% print, he cut it again to 5-W. He was quite impressed that it worked and I'll bet he'll try it again too. Another QRP convert?

Just so you don't think I've gone 100% digital, I made a CW contact into San Diego too. It won't set any records but the other guy was quite surprised at my 1 watt power level. This is great stuff and my code may even be improving too.

Cheers!
Gerry Elam, K7LRO
PHX AZ

Date: Sun, 23 Apr 2000 00:36:20 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [68445] Apology to Dave AD6A and others
Message-ID: <2.2acb091.2633d7c4@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,

I first want to apologize to Dave Fifield, AD6A for my error in attributing his design work on the TT2-MRX combo to Dave Meacham. I mis-read other information and was clearly in error.

Second, I want to explain my intentions regarding the Manhattan Style version of the TT2-MRX rig. I simply wanted to offer my QRP club a building project. It was never my intention to offer it publically, ESPECIALLY without proper permissions and the help of my club. Perhaps the cart got before the horse in this situation. I assure you that no "profit" was made nor sought in any way in this effort. And, I offer sincere apologies to anyone I have offended or hurt in any way.

As of now, I will no longer participate in this "project". Thanks for reading.

72
-MAC-
AF4PS

Date: Sat, 22 Apr 2000 22:02:45 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [68446] Apology
Message-ID: <Pine.GSO.4.10.10004222156410.15534-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Seems that I need to apologize for the way off topic post
I made a bit earlier.

Sorry about that.

I'll try to show better judgment in the future! At least
let things sit a bit before posting!

But I'll also say this.....most of the time when someone
posts something that far out of line they know well what
they did. The last thing needed is for the "list police"
to start their "only post what I want to see" junk!

For those few "list police" out there, I'll leave you folks
with those well known instructions...."Stick it where the
sun don't shine"!

:-)

OK, back in my hole.....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.......Nevada....NRA LIFE....
.....SOWP 5545M.......WHINERS #1........ZOMBIE #18.....
....Visit my Home Page.....http://www.qsl.net/ku7y/....

Date: Sat, 22 Apr 2000 23:33:37 -0600
From: Roy <marion@montana.com>
To: qrp-l@Lehigh.EDU
Subject: [68447] QST QRP page
Message-ID: <4.3.1.2.20000422230807.00a78c50@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I sure like the new QRP info in QST. I think the May 2000 is a great column, and should be read by all new to QRP. It might keep some of the disappointments at a minimum for new QRP folks, who may fall for some of the ebay type hype about so called "classic" QRP rigs. I learned the hard way with the Ten Tec 515. What a disappointment. Was able to get my money back out of it, and have learned my lesson about so called "rare" goods. Rigs that perform are not usually not rare or hard to find. If an HW- so and so rig was so great, the demand would keep the manufacture alive in most cases. What is hard to find these days is honest reporting, such as the value of a used HW-9 at $150. When is the last time you saw one that low on this list? Ok, back in my shack. 73 Roy AB7CE

Date: Sun, 23 Apr 2000 10:03:24 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68448] TEST - delete
Message-ID: <39023DCC.E879599F@integritynet.com.au>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

--
72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- mailto:vk2tip@qsl.net?Subject=Subscribe
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - http://www.integritynet.com.au/~purdic/

Date: Sun, 23 Apr 2000 10:07:27 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68449] OT: FM Receiver Antenna advice needed
Message-ID: <39023EBF.743FF07D@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael Bower wrote:

> This is way off topic so..

I think not. It is a technical problem which arouses interest and may
indirectly lead to solutions to other qrp related problems.

> .Anybody got any suggestions on what we can do at the radio end
(within
> the gym room itself) to help pull in these signals?

FWIW I've tried to address these questions here:

http://www.integritynet.com.au/~purdic/passive-antenna-reradiators.htm

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- mailto:vk2tip@qsl.net?Subject=Subscribe
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - http://www.integritynet.com.au/~purdic/

Date: Sun, 23 Apr 2000 06:37:58 -0700
From: Jon Iza <iapizloj@bicc00.bi.ehu.es>
To: qrp-l@lehigh.edu
Subject: [68450] Re: Battery comparisons: equal basis attempt
Message-ID: <3902FCB6.35F1@bicc00.bi.ehu.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,
You may find information about Lead batteries on the
web sites for battery manufacturers or dealers:
Anton Bauer, Gates, PowerSonic, Yuasa, etc.
or battery charger chip manufacturers (i.e. Unitrode
UC3906 chip, Benchmarq, and others).
Most of them recommend a charging voltage of 2.30
to 2.50 volts/cell (each cell is about 2 volts) and
a trickle charge of 2.20-2.30 volts/cell. Beware that those
voltages are temperature dependant. That's the reason
most charger chips also sense temperature in order to
track down the temperatura coefficient.
Therefore, a 12 Volt battery (6 cells) must be charged
at about 14.4 volts, going down to 13.8 volts to trickle
it indefinitely. Some chargers in the ARRL Handbook had
that trick done using a series Silicium diode.
EDN had a circuit last year (May 27, 1999), on the Design
Ideas area, for checking remaining load of a lead battery.
It says that the voltage of a battery some time charging
or discharging may be used to assess the remaining charge.
(That was why some people recommended to measure the
battery voltage several hours after charging it).
100% load means the voltage per cell is 2.13 Volts, and
there is a linear relationship down to 0% at 1.93 Volts.
For a 12 volts battery, that means, 12.78 Volts at
full charge, and 11.58 Volts fully discharged.
Some other people measure charge going all the way down
to 10.5 volts... Caveat emptor.
Be well
jon, ea2sn

Date: Sun, 23 Apr 2000 03:27:54 -0400

From: "Alan Slusher" <aslusher@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [68451] Shameless Plug
Message-ID: <000a01bfacf5$71e71d80$5ffe7ad1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The May 2000 QST has an article and photos on Belize on pages 21, and 30-31.
You are cordially invited (and strongly urged) to visit the only
english-speaking country in Central America. With your ham equipment.

Obligatory QRP: If you put the base of your vertical antenna directly into
the sea in Belize, as is shown on page 21, you will work the world with
milliwatts, always be on the bottom of pileups from everywhere, and you will
never want to leave.

Cheers,

Alan W3/ V31FA
Rockville, MD

Date: Mon, 24 Apr 2000 01:01:33 -0700
From: Dave Fifield <fifield@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68452] More Apologies
Message-ID: <005001bfadc3$4e96d900$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

As pointed out to me by an astute reader, I do seem to have
overstepped the mark a bit in my claim to *complete* originality
in the modified combo TT2/MRX-40 design. Of course, I didn't
mean to do this. I just got carried away a bit....sorry about
that......I only claim original invention in two parts of the
derived work. Simple though these inventions are, they allow
me to claim copyright of the design.

Much kudos, praise and awe should be heaped upon my
predecessors, Doug DeMaw, the Ohio QRP club, the authors of
articles in QEX and other wonderful magazines etc. for all the work
they did in designing the original circuitry that powers the derived
work that I did. Also, the work of others like Dave Meacham,

whose modifications (like the output filter) and modernizations keep the old designs fresh to live another day. Without their work, none of the wonderful kits we all use and enjoy today would have been possible I'm sure.

The two parts of the design that I claim invention rights to are:

1. The QSK (TX/RX) switching circuit. This is derived from my own invention that I used originally in the NC20 design. The basis of the invention is that I provide a muting signal, using just a handful of components, that can be used with any standard audio mute circuit (in this case, an FET circuit in the RX audio path), that is timed to a) mute the RX before the TX power comes up and b) provides an adjustable hang time after TX power falls away prior to unmuting the RX. The net result is noiseless QSK. Of course, there are many ways to do this and many have been published before, but none of them use such a cheap or simple circuit as the one I designed.

2. I have designed a way to increase the sensitivity of any receiver that uses an NE602 device in the front-end (as long as there's a DC path between the input pins 1 & 2). I'm absolutely sure this has not been done before. This simple design idea appears in the SMK-1 circuit which will be published eventually.

The other value changes/modifications to the circuitry are standard design practice that I derived from the collective published works of the aforementioned and others.

As I thought, Mac and his club buddies are only building a few rigs for their own enjoyment and I fully support this. I in no way want to stifle creativity such as this - proven by the fact that the complete schematic is publicly available and has been since before Pacificon '99. I just don't want it published in a magazine or made into a commercial kit without having some say in the matter.

72, Dave Fifield, AD6A

Date: Sun, 23 Apr 2000 10:32:52 +0200
From: "Heimo J. Lyden" <sm6lod@golfinho.com>

To: qrp-l@Lehigh.EDU
Subject: [68453] Politics
Message-ID: <4.1.20000423102130.009344d0@mail.golfinho.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

David,

You are right! Just a final comment. Remember that the first man in
space was not a communist, liberal or democrat or whatsoever.
He was an Amateur Radio Operator. Jurij Gagarin in our memories!
Rescently was the celebration of his trip around the globe.
Did any of you 'old timers' work him?
Politics have no place in Amateur Radio Society. We stand above that!
I really enjoy this list!

73
Heimo F/SM6LOD K2 #1018, DSW20 and a fishing pole on the balcony as antenna.
Saint Julien en Genevois, France

Date: Sat, 22 Apr 2000 16:11:54 -0400
From: david fouchey <dafouchey@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68413] Re: Getting REALLT off topic Re: NO Antennas Allowed!
Message-ID: <3902078A.E81AA4A2@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Gentlemen, if you wish to discuss this issue might I suggest you take it
to a more appropriate forum?

Date: Sun, 23 Apr 2000 08:38:46 +0300
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [68454] magnifiers/loupes
Message-ID: <39028C66.473C8DA6@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Now that the SMK-1 with its microscopic components hit the streets it
may be helpful to post the URL of a company that can supply a large
assortment of magnifiers and loupes. It was given to me by Tim
Billingsley, KD5CKP.

Their downloadable catalog doesn't have pictures, though, just text,
which makes it a little hard to tell what the different products are:
http://www.maxiaids.com/

Harborfreight OTOH has only a few models, but they have pictures in
their catalog: http://www.harborfreight.com.

Thanks to the helpful OM's on this list who replied to my query. Several
use a loupe/magnifier (what is the difference?) with a head band. The
price of the head-band loupes at Harbourfreight (4-5$) are low compared
to other suggested prices (30$). Without on-hands experience quality is
anybodies guess, of course.

Another worthwhile suggestion is using a desk lamp with a ring-shaped
(fluorescent) light and a lens in the middle.

I'm sure we'll hear more on this subject over the next months as the
SMK-1's get built.

73,
--
Arjen Raateland
OH2ZAZ

SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Sun, 23 Apr 2000 07:45:17 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: "Heimo J. Lyden" <sm6lod@golfinho.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68455] Re: Politics
Message-ID: <Pine.3.89.10004230739.A9427-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 23 Apr 2000, Heimo J. Lyden wrote:
>
> You are right! Just a final comment. Remember that the first man in
> space was not a communist, liberal or democrat or whatsoever.
> He was an Amateur Radio Operator. Jurij Gagarin in our memories!
> Rescently was the celebration of his trip around the globe.

> Did any of you 'old timers' work him?
>
Yep!

       73,
                    ,'' '',
     Bob Patten, N4BP   (0 0)   Plantation, FL
_____________________________oOOo-(_)-oOO_____________________________________

                          E-Mail: n4bp@bc.seflin.org
                      Web Page: http://www.qsl.net/n4bp
                      Brass Pounder BBS: (954) 472-7715
                  SOC #1 Whiners #6

Date: Sun, 23 Apr 2000 08:38:02 -0400
From: "Warren Elly" <welly@tampabay.rr.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [68456] FS ICOM 756
Message-ID: <NCBBJNIGMKBCAFJBMCGOEEHLDPAA.welly@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for reading this! Sure wish I didn't have to sell...but...

For Sale: Icom IC-756 #1223

    160-6 meters 1-100 watts output, built in antenna tuner.
    Fully Updated by factory. Updates Documented.
    W/ Optional Narrow SSB Filters FL-222 and FL-223 installed.
    Excellent Rig, non-smoker, in original box, accessories, manual.

    $1550 - I'll ship.

Warren Elly
W1GUD
Tampa FL

w1gud@tampabay.rr.com

Date: Sun, 23 Apr 2000 10:08:32 -0400
From: Bill Lazure <n2tpa@juno.com>
To: N5NW@midsouth.rr.com
Cc: qrp-l@lehigh.edu
Subject: [68457] Re: Antenna frustrations
Message-ID: <20000423.100836.-256063.1.n2tpa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Marty,

I've done quite a bit with "squalos". Here's the scoop:

A squalo is supposed to be 1/2 wavelength long. It's essentially a dipole that's been looped around until the ends almost touch. I've found that the "end loading" of having the ends so close to each other makes it resonate well below the frequency it was cut for. Thus, cut it short. Your formula of 1005/f (MHz) is for full size loops. It won't work here. Try the formula for a dipole. (?) 468/f(MHz)(?). Even that will be long, but as with all antennas, start with formula length, then trim to exact resonance.

The bandwidth will be less than that exhibited by a dipole. The B/W on a 20 meter I tried was so sharp that the SWR varied when the wind blew a nearby tree. On my 10 meter, it was around 250 KHz, so I assume you'll be able to get 500 to 600 KHz out of a 6 meter.

You'll find that the feedpoint impedance will be low. For all of the HF squalos I've built, the feedpoint Z was around 10 to 15 ohms resistive. Simple matter to use a 4:1 transformer to match 50 ohm coax.

Finally, this antenna (under ideal conditions) should exhibit slightly higher gain than a dipole. On the order of 1 - 2 dB.

I've got VERY simple plans for making a 2 meter squalo. I'll try to dig them out for you. In the meantime, check VHF/UHF enthusiast sites. They're the primary users of this type of antenna.

73,

Bill
W2EB
Syracuse, NY

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

Date: Sun, 23 Apr 2000 10:34:08 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <marion@montana.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [68458] RE: QST QRP page
Message-ID: <000301bfad30$fc5c3500$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Roy:

QST's latest "QRP Power" column was very disappointing to me. My feeling is that it leaves unknowing readers with the impression that the Heath HW-8 is better than an Argonaut 515! As an ex-Heath service tech, I've worked with many an HW-7, -8, and -9. Gosh, they're junk compared to any 505/509/515 Argonaut.

I've had an Argo 505, then two 509s, and I now own a 515, and the 515 is superb. It has silky smooth QSK, excellent receive and transmit quality (modulation), is drift-free, and is nicely constructed and relatively easy to repair, if need be. It's also backed up with a fairly good manual with useful schematics.

What's more, the PTO is exceptionally linear, so the dial calibration is quite accurate (yes, the slide rule portion with its quirky dial cord is always problematical at the end-of-travel, but that doesn't affect the dial calibration markings).

The 515 is also very sensitive, free of microphonics, free of annoying images, and its receive section is reasonably selective. You can easily select USB, LSB or CW modes too. It's also nice that 10 meters is split into multiple bandswitch segments.

Roy, I've used the rig on our sailboat (where it has held up against salt air, and a lot of shock and vibration, with no ill effects). In the early days of AMTOR operations here it became a mainstay in my shack because of its fast turnaround delays. Also, K2RIW, a moonbounce pioneer, tells me the

Argonauts are sought after by EME guys because they make the best IFs for moonbounce conversion on both recv and xmit.

It's too bad the QRP Power section of QST seems to be shaping up like a lot of the rest of QST, with pabulum rig-review editorial, instead of discussing the things about QRP that need telling and describing, such as using that single QST page to discuss the relationship--dB-wise--between, say a 100 W signal and a 3 W signal. Or, perhaps discussing useful circuits, showing rigs that QRPers use, discussing ways to measure power, ways to meter circuits, and ways to cut transmission line losses. Operating techniques could/should be covered too. The list could go on and on. Take a look at Sprat if you need an exemplar.

So far, I find the QRP Power column in QST boring, boring, boring. If the editor and conductor of the column would take on some of the issues discussed on this list, I think it would make for better reading. That's my humble opinion. Anyway, I sure hope the column improves in the future.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687   .-.-.

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Roy
Sent: Sunday, April 23, 2000 1:34 AM
To: Low Power Amateur Radio Discussion
Subject: QST QRP page

I sure like the new QRP info in QST. I think the May 2000 is a great column, and should be read by all new to QRP. It might keep some of the disappointments at a minimum for new QRP folks, who may fall for some of the ebay type hype about so called "classic" QRP rigs. I learned the hard way with the Ten Tec 515. What a disappointment. Was able to get my money back out of it, and have learned my lesson about so called "rare" goods. Rigs that perform are not usually not rare or hard to find. If an HW- so and so rig was so great, the demand would keep the manufacture alive in most cases. What is hard to find these days is honest reporting, such as the value of a used HW-9 at $150. When is the last time you saw one that low on this list? Ok, back in my shack. 73 Roy AB7CE

Date: Sun, 23 Apr 2000 08:07:52 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68459] Re: QST QRP page
Message-ID: <001f01bfad35$b44bc640$4c231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some months will be diamonds, some stone. But hey, at least we're getting
some exposure now in a major mag! Let's let it cook awhile longer...a few
more break-in miles, and I gotta feelin' ol' Rich will have the column
running very smoothly.

By the very nature of QST's varied audience, the column will tend to
'attract one to qrp' vs. hard-core how-to's. Specialty mags such as QRPp
will continue to cater to those already hooked and hooked bad.

Happy Easter to all,

Best 72 John K7FD

>So far, I find the QRP Power column in QST boring, boring, boring. If the
>editor and conductor of the column would take on some of the issues
>discussed on this list, I think it would make for better reading. That's my
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>
>Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687   .-.-.

Date: Sun, 23 Apr 2000 11:17:45 -0400
From: "Dana Michael" <damichael@blazenet.net>
To: <qrp-l@lehigh.edu>
Subject: [68460] FS or Trade :Ten-Tec T-KIT 40M Xcvr and Tucker T-1000 Ant Tuner
Message-ID: <000f01bfad37$1476cdc0$2370fea9@mike>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE or TRADE:

TEN-TEC T-KIT 1340 40M CW Transceiver with built in Small Wonder Labs FREQ-Mite in good working condition, a few scuff marks on the case. $95

Or trade for Almost All Digital Electronics L/C Meter IIB, built or unbuilt.

TUCKER T-1000 300 Watt ANTENNA TUNER. Has built in BALUN, CROSS NEEDLE WATTMETER , ANTENNA SWITCH and DUMMY LOAD. VERY GOOD CONDITION. $95

Or trade for Almost All Digital Electronics L/C Meter IIB, built or unbuilt.

Thanks,
D. A. Mike Michael W3TS
129 Church Lane
Halifax, Pa. 17032-8732
1-717-896-3973 from 5PM till 10PM EDT
damichael@blazenet.net

Date: Sun, 23 Apr 2000 11:22:23 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ai2q@ispchannel.com
Cc: qrp-l@lehigh.edu
Subject: [68461] Re: QST QRP page
Message-ID: <3903152F.5C7F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alex,

I have to address certain of your comments here. I feel it is a service to my fellow QRP editor. Rich writes the column for QST, I write the column for the Web magazine.

I don't read the incomming mail at QST, I do read my own incomming mail and I know my editor sends along everything sent to League Headquarters addresed to me or my column. I have never seen anything from you about my column.

Perhaps you have written letters to Rich asking him to cover various items. I don't know, but complaining about the column here in public is a pretty poor way to ask for change!

Have you ever read my column? Have you ever commented?

73

Date: Sun, 23 Apr 2000 11:28:40 EDT
From: Dean W Manley <kh6b@juno.com>
To: wd3p@juno.com
Cc: qrp-l@lehigh.edu
Subject: [68462] Re: Backpacking Ant.
Message-ID: <20000423.053059.5391.0.kh6b@juno.com>

Hi Larry and group,

I like to carry at least the following with my portable
station: 2 pieces of RG-58 coax, 20' and 50' and
then use the ZM2 Z-Match ATU for low SWR.

Aloha,
Dean KH6B
Hilo Hawaii

Date: Sun, 23 Apr 2000 11:36:16 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ai2q@ispchannel.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68463] Re: QST QRP page
Message-ID: <002c01bfad39$cadebf80$7f99fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Alex,

I don't mean to take personal issue with your post, but I'd just
like to say that I find mention of QRP in general in ANY mag
in ANY way fortunate. While the content may not be to
everyones liking, just the fact that it is there is a big plus
for QRP.

As to your assertions...

If everyone wanted one car, there would be one manufacuter,
one model, no options.

That shortsighted attitude almost put Ford out of business
in the early years.

And they persisted, to the point of deciiding what radio was
'best' and even tying the 'then new' electric starter circuits
THROUGH the radio (when then finally realized people
wanted radios, but it had to be THEIR radios) and invalidating
the warrantee of any car that had the radio replaced.

The same goes for HAM radio and QRP. What you think
is best or better is NOT a hard fact, it's you're opinion.
Almost everything is a tradeoff. And in my mind it's more
incorrect to bluntly say X is better than Y the way you did
than the way the radios were 'rated' in the article.

And it's NOT just a 'technical spec' that enters into this.
There can be a real piece of junk out there that sells
well for reasons as obscure as it has a good tuning
knob. Or some really technically excellent piece of
equipment that became a toad for something as off
center as a speaker.

So, just remember, this is MY opinion, not a fact. (Other
than the fact that differences that are hard to define and
quantify exist.)

I personally like and appreciate the articles in QST and
hope they continue.

If you take issues, fine, but it's just your opinion, not a fact...

Mike

>Hi Roy:
>
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>that it leaves unknowing readers with the impression that the Heath HW-8 is
>better than an Argonaut 515! As an ex-Heath service tech, I've worked with
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>Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687   .-.-.
>
>
>
>
>
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>
>
>-----Original Message-----
>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
>Roy
>Sent: Sunday, April 23, 2000 1:34 AM
>To: Low Power Amateur Radio Discussion

>Subject: QST QRP page
>
>
>I sure like the new QRP info in QST. I think the May 2000 is a great
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>low on this list? Ok, back in my shack. 73 Roy AB7CE
>
>

Date: Sun, 23 Apr 2000 11:45:04 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [68464] Vendor & club Dayton QRP banquet door prizes
Message-ID: <Pine.LNX.4.10.10004231141450.16191-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Howdy all from SUNNY Oregon!

The Dayton QRP banquet is only 4 weeks away and it's time to think (again)
about

DOOR PRIZES!

They make the banquet a lot of fun and can increase your visibility
greatly. All door prizes get placed ont he banquet prize table and there
they sit for about 90 minutes whilst people enter, get their food, etc.

It's great visibility.

If you have an interest in either you, your company, or your club donating
a door prize, please contact me ASAP!

          SEE YOU IN DAYTON!!!

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain

If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu http://w3eax.umd.edu/~ham

Date: Sun, 23 Apr 2000 10:04:47 -0600
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Cc: patrick.taber@philips.com, k6df@home.com, n0qt@arrl.net
Subject: [68465] QRPTTF 2k
Message-ID: <20000423.100451.-836635.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

WOW! Less than 1 week until QRPTTF 2k.

 We will probably abuse the callsign W5ABQ {Yes, a former New Englander has emigrated to the SW-USA. Welcome Pat. He thinks we have a strange accent. We don't add "er" after "a", and that white cold stuff actually belongs on mountain peaks, not in town for several months} . ;-)

Our QRPTTF 2k site will be where the Rio Cebolla & Rio Guadalupe meet {grid square: DM65ot}. An old mining ghost town {Porter, NM, ~ 40 nautical miles NNW of Albuquerque, as the crow flies}, and prior to that, the lava overflow route of an ancient volcano and the former home to a few prehistoric dinosaurs {Jemez Mountains, Santa Fe National Forest}.

Lots of antenna bearing ponderosa pine trees available.

http://www.fix.net/~jparker/norcal/contest/qrpttf2000/qrpttfrules.html

We will be in the "WT" category.

Is anyone, in the San Francisco Bay Area, going to be aboard SS-383, USS Pampanito, NJ6VT for this event?

CU on the air...Jay, WA5WHN DM65qd
Albuquerque, NM USA

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
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Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

Date: Sun, 23 Apr 2000 12:13:23 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-l@lehigh.edu>, "tentec" <tentec@contesting.com>
Subject: [68466] FS: Ten Tec 544 Station
Message-ID: <035901bfad3e$da281220$da765acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Consists of:

Ten Tec 544 Digital (Serial Number 2288)
Noise Blanker
CW Filter
Ten Tec 242 Remote VFO
Ten Tec 262M Power Supply
All documentation

The 544 and VFO were gone over by Ten Tec about a year ago. It was aligned and both PTOs were rebuilt and the dial cord replaced in the remote vfo. Everything work well, it has 100 watts or more output on all bands except 15 meters which is 90 watts. Also has all 10m xtals. It is in real nice condition, not collector quality, but a very very clean radio. All original knobs and front panels are excellent on all pieces. The only thing that it needs are a couple of dial lights in the remote vfo, although I never use that indicator, the digital readout in the 544 shows the remote freq.

Worked the 8Q7, 7O1, and SO5 this weekend using the remote vfo split capability

$450 + shipping
please email direct if you have any questions. I recently bought this to get

back on the bands and now really want the warc band capability. I would consider trading up to a newer rig with all the bands, make offer...
Thanks
Tim
NZ8J

Date: Sun, 23 Apr 2000 10:31:11 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [68467] QRP Get-together
Message-ID: <Pine.LNX.3.95.1000423102637.10808C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Things are coming together bit by bit for the second QRP Get-together at the Glacier/Waterton hamfest, July 14,15,16.....we'll run with the fun Show & Tell format again but we'll also add a Draw & Yak to the format so you can draw and talk about favorite antennas....I'll try to have a flip chart stand there for this purpose....and Roy, AB7CE, is going to try and bring his K2 this time around....I get first dibs on stealing it and making a stealth run for the border!..... :-))

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 23 Apr 2000 12:42:10 -0400
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: NJ QRP Club <njqrp@njqrp.org>, NoVa QRP group <NoVaQRP@topica.com>, QRP-L <qrp-l@lehigh.edu>
Subject: [68468] CU8F on 21.027 at 1639z 4/23/00
Message-ID: <390327E1.B7B02011@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked the Azores -- CU8F on 21.027 (he's calling CQ now with no takers)
QSL via CT1EFL.

72,

Jake -- N4UY
Vienna, VA
(Wash DC suburbs)

Date: Sun, 23 Apr 2000 10:48:38 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [68469] Fox Hunt Team Plaque
Message-ID: <Pine.LNX.3.95.1000423104646.10808F-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

.....Tesla's Terrors, please take note......and anyone else who's
interested.....Happy Easter all!

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          "QRP! How sweet it is!"   "I am da man wit "DAH" paddle!"

Hi Bruce,

Well, Ken LaRose has the name plate to be engraved with the winning team
names and plans to send it to me in a few days and Ken Evans, W4DU, has
agreed to present it to the winners at the FDIM awards banquet and my
friend Howard Leverenz, KD5DJJ, here in Houston, has agreed to carry it
to Dayton and give it to Ken Evans, so I think all that is left is to
notify the Missouri guys that it will be presented to them at the banquet
on Friday night at the Days Inn South or whatever they call it now.
Being as you have the names and e-mail addresses of the winners, would
you tell them what is going on?

Thanks,
Bill, K5ZTY
Houston,TX

Date: Sun, 23 Apr 2000 09:16:03 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Cc: sbsgaur <sbsgaur@lw1.vsnl.net.in>
Subject: [68470] Request from India for help on SSB Receiver schematic.

Message-ID: <39032FD2.BA5DD15C@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear fellow QRPers,

I received a request from this individual in India for help getting circuits for a SSB receiver on 14 MHz. I am hoping you folks can help by sending him schematics of receivers and layouts with varying difficulty and parts count. My resources for this sort of thing are limited and my best resource is you.

I am trying to track down emails and articles on Manhatten construction for him and will keep working on that.

Thanks in advance for helping out our International friend in India.

If you would prefer to route it through me that is fine but I don't believe that is necessary.

73, Jim, AL7FS

-------- Original Message --------
Subject: SSB Reciever
Date: Sun, 23 Apr 2000 18:14:08 +0530
From: "sbsgaur" <sbsgaur@lw1.vsnl.net.in>
To: "Jim Larsen AL7FS" <al7fs@pobox.alaska.net>

Dear Mr Larsen, We are not permitted to import kit`s in India due to Foriegn currency regulation act . but the place where i live i.e Lucknow,Uttar Pradesh ,India .Electronic part`s are available and capital New Delhi is just 500Km so getting part`s is not a problem i will find them. I am not familiar with term (MANHATTAN STYLE CONSTRUCTION) ? I like to recieve SSB transmission on reciever I.E 14.0 - 14.35MHZ . If you can provide me detailed circuit idea layout i can build this reciever. Regards S.B.S.Gaur mailto:sbsgaur@lw1.vsnl.net.in==========

Dear Mr Larsen,

Thank you for reply .I Can build a reciever with electronic parts but i need a guidance and support,

By giving circuit idea`s /layout.I look forward to get support from you .

Regards

S.B.S.Gaur mailto:sbsgaur@lw1.vsnl.net.in
==========

Dear Sir,

I am Citizen of india Interested in Ham Radio But to start with . I like to listen to existing HAM Transmission but real problem is to get SSB reciever So
when i visited your site
By checking the content .I hopr that you can help me in building the same.because Govt Of India does not allow to import recievers.

I hope you will help me

Regards

S.B.S.Gaur mailto:sbsgaur@lw1.vsnl.net.in
==========

Date: Sun, 23 Apr 2000 14:13:42 -0400
From: "Richard Hensel" <rrhensel@sprintmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68471] converting a cb
Message-ID: <002701bfad4f$aabb81a0$031fbfa8@me>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an old RadioShack cp model TRC-174 that I want to convert to 10 M

anyone have a schematic or conversion procedure??

Thanks

Richard Hensel
n8wlc@arrl.net
When you have a hammer in your hand
        The whole world looks like a nail

Date: Sun, 23 Apr 2000 06:19:27 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-l@lehigh.edu
Subject: [68472] Looking for QRPers in Kitsap County, WA
Message-ID: <20000423061927.A18263@primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I will be moving to Bainbridge Island next week and wondered if there
are any QRP groups in the area.

72/73, Bob

--
Bob Nielsen, N7XY (RN2)   nielsen@primenet.com
Tucson, AZ DM42nh QRP-L #1985 SOC #77   http://www.primenet.com/~nielsen

---

Date: Sun, 23 Apr 2000 13:18:58 -0500
From: "M. Pender" <steam@megsinet.net>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68473] Re: QST QRP page
Message-ID: <002701bfad50$656a08a0$ce2f28d0@megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Don't feel bad Alex.

It seems Bruce likes to criticize and then he never fails to=20
promote himself in the guise of helping out. Kinda like
one Wayne Greene....

I know he certainly let me have it for having the nerve to=20
compare my qrp transciever's rx with my Kenwood. Maybe
he has a vested interest in Kenwood, I don't know. He=20
replied by giving me his full resume, which was supposed
to validate his position. Anyway, take it lightly.

Have a good Easter... Mike
<>>< >><> >><> <>>< >><> <>>< <>>< >><> <>>< <>>< ><
                      Mike Pender   Chicago   N9IVO
 steam@corecomm.net http://www.corecomm.net/~steam =20
><<> <>>< <>>< >><> <>>< >><> >><> <>>< >><> >><> <>

Date: Sun, 23 Apr 2000 14:24:27 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68474] Florida QSO Party Reminder
Message-ID: <39033FDB.61635721@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dont forget one of the top three state QSO parties:

Next weekend is the Florida QSO Party.

Rules and more info can be found at: http://www.qsl.net/fqp

There is a plaque for the top QRP score for Florida and Non-Florida
stations. There also is a "clean sweep" prize for the first station to
work all 67 Florida counties during the weekend. This prize has not
been awarded since the re-birth of the FQP by the Florida Contest Group
three years ago. What's the prize? It is like no other! I would love
to see someone from this list earn it!!

73
Paul AJ4Y

--
Polk County Amateur Radio Emergency Services:
http://www.qsl.net/polkares
Lakeland Amateur Radio Club:
http://www.qsl.net/k4lkl
Florida Contest Group:
http://www.qsl.net/fcg

Date: Sun, 23 Apr 2000 14:36:38 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: "M. Pender" <steam@megsinet.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [68475] Re: QST QRP page
Message-ID: <390342B6.4137@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike, and Alex,

So far I have only heard from you, Mike, and the comments of this past week have not gotten into print. I know your little psyche is hurting, but you did slam Kenwood for no good reason. Don't be surprissed at what I write.

73

Date: Sun, 23 Apr 2000 15:26:06 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [68476] Re: Antenna frustrations
Message-ID: <20000423.152607.-97985.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

First off, it's strange to see myself cited as a reference.

Secondly, I have all of the original antenna articles (from the BARK Newsletters and the BARK PBBS originally) here. The Packet BBS is gone, and we send the newsletter to the Klub members as Email nowadays. I have given permission to repost the newsletter articles, or to post them to a Webpage probably 50 times in the last couple of years.

As for Marty's query on the DIY "Squalo", the feedpoint impedance is VERY low, 10 ohms on the 40 meter band when using #14 wire. The ham that was running the 40-meter version down in PA just ran the coax to the tuner and matched it there.

I built one for 15M here, and used a 4:1 unun to bring the impedance up to about 40 ohms and then a couple of ferrites on the coax. SWR was fine, and the bandwidth was 250 KHz between the 2:1 points, fine for the CW band, including the Novice segment.

CushCraft used 3/4" and 1/2" tubing on their 6 Meter Squalo, and matched it with a gamma match. There's good examples of just such a gamma match in most any Handbook and/or Antenna Book. I'd make the gamma arm 16" long and us 50pf for the cap for a starting point myself.

Hy-Par, the makers of the Saturn-6 3-ring halo had a 2 Meter halo that was a folded dipole bent into a circle. The low feedpoint impedance was

stepped up by 4 with the folded dipole this way, and the antenna was fed directly with 50-ohm coax.

I guess that you could make an HF "Squalo" with open-wire line connected up as a folded dipole. The effective radiator "width" would be larger, giving one a wider bandwwidth, and the feedpoint impedance should (I have not verified this) fall somewhere near 40 ohms, acceptable for 50-ohm line.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
VP & FD'00 Chairman, Brockport Amateur Radio Klub & SOC # 119
My night light runs more power than my Rig!!!
Replies off-list to: wb2vuo@arrl.net

_____
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http://dl.www.juno.com/get/tagj.

Date: Sun, 23 Apr 2000 15:41:57 -0400
From: "John F Marranca, Jr" <jmarran@juno.com>
To: QRP-L@Lehigh.edu
Subject: [68477] Re: QST QRP page
Message-ID: <20000423.154202.-117669.0.JMarran@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Now now, children....fight nicely.

John Marranca, Jr
KB2HSH
Williamsville, NY

Date: Sun, 23 Apr 2000 11:46:59 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [68478] Re: Antenna frustrations - Please, please rename the subject
Message-ID: <39035333.ACBB2A4@pobox.alaska.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear folks of the "Antenna frustrations" persuasion,

I find the Squalo information interesting as I have one in the garage.
But please, could we name the Subject something like: Squalo Antenna
Information

I keep having to forward it, then change the title, and then send it to
myself so that later I can find the information more easily.

"Antenna frustrations" as a title frustrates me. Well, I will get over
it and five years from now it won't even matter so I guess I need to
keep all this in perspective. :-) Heck, I am not even upset...just in
search of more efficiency. Please make Subject lines mean something.

Thanks!

73, Jim, AL7FS

wb2vuo@juno.com wrote:
>
> First off, it's strange to see myself cited as a reference.
> As for Marty's query on the DIY "Squalo", the feedpoint impedance is VERY
> low, 10 ohms on the 40 meter band when using #14 wire. The ham that was
> running the 40-meter version down in PA just ran the coax to the tuner
> and matched it there.

Date: Sun, 23 Apr 2000 12:45:39 -0700
From: "Dan Trigilio" <danjt@cruzio.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [68479] QRP stuff for SALE
Message-ID: <000701bfad5c$93f0ede0$c68ae3a5@n1dtscomputer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Time to clean some items out of the shack:

Assembled K8FF keyer with manual: $ 20.00.
Assembled St Louis Tuner with manual: $35.00
Assembled ZM-2 Tuner with manual: $ 35.00
Nye-Viking SM-1 Keyer No manual(can't make memory section work)
$10.00.

Heathkit HW-16 and HG-10B VFO with manuals (works): $100.00
Drake low pass filter: $20.00
Radio Shack Digital Power/SWR meter M/N 21-527. With cable and power cube,
NO Manual. (works): $35.00.
Two 3.5 " Floppy Drives, $5.00 ea.
Buyer pays shipping. Can ship UPS or USPS.

GL es 73, Dan W6DAN
Capitola, CA

Date: Sun, 23 Apr 2000 14:48:58 -0500
From: Marty <N5NW@midsouth.rr.com>
To: qrp-l@lehigh.edu
Subject: [68480] Re: Antenna frustrations
Message-ID: <qik6gsku9qa25eheinjut2kcdfn72d4c3l@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Sun, 23 Apr 2000 15:26:06 -0400, wb2vuo@juno.com wrote:

>First off, it's strange to see myself cited as a reference.

Perhaps "compiler of information" might be a better title ... :)

>I guess that you could make an HF "Squalo" with open-wire line connected
>up as a folded dipole. The effective radiator "width" would be larger,
>giving one a wider bandwwidth, and the feedpoint impedance should (I =
have
>not verified this) fall somewhere near 40 ohms, acceptable for 50-ohm
>line.

I'm looking specifically to use the squalo on VHF/UHF, which I can't seem=
 to
find. Not specifically interested in HF antennas, given a lack of real
estate. But what I'm hearing is that the fundamentals of antenna design
change as you move north of 30 MHz? Tuners are pretty uncommon on =
VHF/UHF,
and achieving resonance is seemingly more critical. On HF the answer is =
easy
-- don't worry about dimensions and use a tuner. On VHF/UHF, those =
questions
need to be answered in terms of resonance without using a tuner.

Besides, 6m/2m/70cm are the only bands I can perhaps put up full size

antennas! But not if I can't get them resonant.

Thus, my query.
--
Marty, N5NW
_____=
_____
Lakeland (Memphis), Tennessee   =
http://marty.w.tripod.com/
N5NW@midsouth.rr.com

Date: Sun, 23 Apr 2000 14:53:40 -0500
From: "Walter Dufrain" <walter@inlink.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [68481] Re: converting a cb
Message-ID: <00ec01bfad5d$a57a9060$628a87d1@nexar>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard, you might want to look at this website for
the PLL mod list.
http://superior.net/~haggis/cb.html

72/73   Walter, AG5P.....Wright City, Missouri

Date: Sun, 23 Apr 2000 13:02:57 -0700
From: Donald I Roher <donroher@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [68482] Help to identify qrp Xmtr.
Message-ID: <20000423.130302.12014.1.DONROHER@juno.com>

I have a board built QRP 7.000 to 7.150 Xmtr.
The board measures 2" X 4" aprox.

On the back is printed SW1, 1991 and RC, it has one small surface mount
device.
The board measures 2" X 4" aprox.

On the face there is no silk screening. There are three transisters, a
2N5089, a 2N4124, and a 2N3019. There is one small torroid and two larger
ones flat mounted with screws holding them flat.

The unique thing is a fuse built on the board for a 3/4 amp fuse. It is crystaled for 7.040.

Any help would be apprieciated.... TNX NL7QT

_____
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http://dl.www.juno.com/get/tagj.

Date: Sun, 23 Apr 2000 22:26:58 -0400
From: Richard Arland <k7sz@epix.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [68483] Coming Down From Mt. Olympus
Message-ID: <3903B0F2.FAB2B8DD@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

I realize that some of you are die-hard T-T fans and feel that I have slam-dunked your favourite Argonaut (505-509-515-535). Such was NOT my intent....nor do I have any axe to grind with Ten-Tec. If you like those rigs (as I do) fine. In my humble opinion, they would not make a good starter radio for the QRP neophyte.

My column was originally conceived as a beginners column. That was made abundantly clear to me by Mark Wilson, K1RO and Steve Ford, WB8IMY, from the get getgo.

There are many, many quarterly newsletters, QRP Homebrew magazine, QEX and other forums available for the super technicians out there in QRP-land. My column will never delve that deeply into the technical side of the hobby for good reason. I am trying to attract new people into the hobby and give the QRP neophyte some tips/advice in how to better enjoy the low power side of ham radio. Becoming heavily involved in writing about technical issues is NOT the focus of QRP Power. I am sorry if that disappoints some (or possibly many) of you, but that's the way it is.

In order for QRP to grow and flourish, we need to attract new people to our ranks. With QST's circulation around 180K, not counting the issues that are passed around to non league members, I estimate somewhere between 200,000 and 250,000 amateurs get to read QST each month. That's a lot of potential QRPers. QRP Power is targeted at those who have never

tried or are just getting into low power communications.

To address the charges of saying that the HW-8 is a better radio than any of the Argonauts is silly and shows that whoever started this idea didn't thoroughly read my column.

May QST was geared to those "appliance operators" out there that do not want to, or never will, pick up a soldering iron and build a piece of gear, let alone a transceiver. Anyone who's been in the hobby for more than six months knows that homebrew and QRP go together hand-in-glove. HOWEVER, there will be those within our ranks that do not want to build. They simply have no interest in that aspect. They want to buy a rig and OPERATE! With that in mind, I feel my comments were justified regarding the Argo series of transceivers. They aren't "BAD" rigs, they just aren't my first choice for someone just starting in.

Several readers have written expressing their surprise that I didn't include the Century 21 and 22 rigs from T-T. Having owned and used two C-22s QRP for several years, they are adequate, at best, owing to a DC receiver that suffers from the same maladies that most DC receivers have in common. These two transceivers certainly can be used as QRP rigs but they are not my first choice for the QRP newcomer. Besides I have only 900 words to fit in an entire topic. I'd dedicated a major portion of the article to Ten-Tec gear and it was time to move on.

Now, to the Argo complaints: I've owned at least eight (8) 509s and three (3) 515s over the years. I've worked my share of DX with them all. They would find me at hamfests and follow me home where I would peak and tweak them, refurbish VFOs, etc., and eventually trade them off to someone who wanted a piece of QRP history. And that is where the Argos belong....in the past. Unmodified receiver specs were never spectacular....MDS averaged between -110 to -120 dBm, with the Dynamic Range somewhere in the low 90s (this info provided by Jack Burchfield from T-T...he was the designer, in case anyone has forgotten). The Wilderness Sierra and the Red Hot rigs both out perform these specs.

So, come on, guys...gimme a break...The Argo rigs are not my first choice for someone just starting in. I realize that many of you don't feel that a "real QRPer" would use a TS-950SDX or a FT-1000MP with the power cranked down to QRP levels, but that would be better, in many instances, than using some of the older gear. If a person gets a piece of used gear and then sells it off after several unsuccessful attempts at QRP, we have lost that person forever. Better to be up front with the QRP newcomer and tell them some of the facts of life and have him/her make an informed decision than have them turn from QRP.

As to those of you who feel that my column is "boring, boring, boring...." at least you're reading it!!

73 Rich K7SZ

Date: Sun, 23 Apr 2000 22:27:48 +0100
From: wd3p@juno.com
To: qrp-l@Lehigh.EDU
Subject: [68484] AL all QRPp, all 1,000 miles per watt
Message-ID: <20000423.224221.-460105.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

This afternoon I hooked up again with W1TEE/M in Lawrence AL to finish all 67 Alabama counties QRPp. Max power was 500 mWatts for any county and min power was 2 mWatts. That means all 67 counties were worked at 1,000+ miles per watt. Time for celebration.

For those who remember Gene, W1TEE/M was the one who a few weeks ago gave me all five RI counties QRPp in one day. To date I have worked him QRPp in 50+ counties.

73 de Larry.............WD3P in MD
http://www.erols.com/lejek

_____
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http://dl.www.juno.com/get/tagj.

Date: Sun, 23 Apr 2000 17:55:33 -0500
From: David Heintzleman <pstrdave@kdsi.net>
To: k7sz@epix.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68485] Re: Coming Down From Mt. Olympus
Message-ID: <39037F65.605EC12A@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Rich, thanks for the article and this message. I am glad you are writing for the beginner as I use qrp projects to elmer people. I have fun with the 515 and the 509's I have owned, something like the fun I experience when I fire up one of my boatanchors. Saving for a K2, as

technology has really advanced.

as member of Colorado QRP, ARCI, and MI qrp, I agree about having a
place for beginners
Keep up the good work - it's sad when some grumble cuz we don't fit
their narrow expectations. Don't worry about them, have fun, its a
grand hobby
Dave Heintzleman K8BBM
QCWA 24662 FISTS 4293   MI QRP 124   Col QRP 157   G QRP 5101   ARRL

Richard Arland wrote:
>
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> HOWEVER, there will be those within our ranks that do not want to build.
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>
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> make an informed decision than have them turn from QRP.
>
> As to those of you who feel that my column is "boring, boring,
> boring...." at least you're reading it!!
>
> 73 Rich K7SZ

End of QRP-L Digest 1800
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